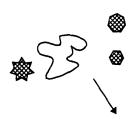
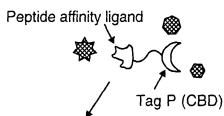


FIG. 1

1. Express product protein in tg milk

2. Express peptide affinity ligand/tag fusion in tg milk

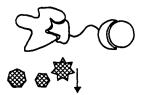




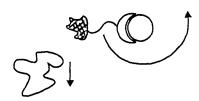
3. Blend tg milk streams, allowing tagged ligand to bind to product



4. Affinity bind product/tagged ligand complex to Tag P-binding matrix



5. Elute purified product. Recycle tagged ligand (if desired)

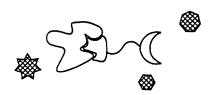




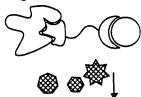
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FIG. 2

1. Express both product protein and peptide affinity ligand/tag fusion in same tg milk



2. Affinity bind product/tagged ligand complex to Tag P-binding matrix



3. Elute purified product

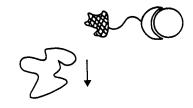
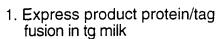
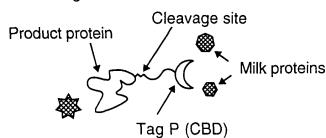


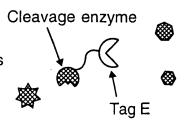


FIG. 3



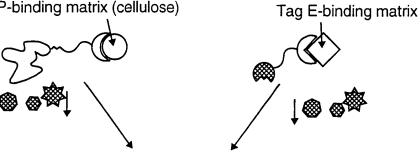


2. Express cleavage enzyme/tag fusion in tg milk



- 3. Affinity bind tagged product to Tag P-binding matrix
 - Tag P-binding matrix (cellulose)





5. Cleave product off Tag P resin with tagged enzyme



6. Separate tagged enzyme with Tag E matrix. Recycle enzyme (if desired)

